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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION REPORT**

**I. HEADING**

**DATE:** September 6, 2002

**SUBJECT:** East St. Louis Lead Sites - United Iron and Metal Site, East St. Louis,  
St. Clair County, Illinois

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**POLREP:** POLREP #3 - Fund Lead Removal

**II. BACKGROUND**

**Site No:** B5Z2-OU2

**CERCLIS No:** ILN000508216

**NPL Status:** Non NPL

**Start Date:** July 22, 2002

**Completion Date:** N/A

**Task Order No:** 113

**Response Authority:** CERCLA

**State Notification:** April 23, 2002

**Demobilization Date:** N/A

**Status of Action Memorandum:** Signed May 6, 2002

**III. SITE INFORMATION**

**A. Incident Category**

Former Scrap-yard Removal

**B. Site Description**

303 South 11<sup>th</sup> Street, East St. Louis, St. Clair County, Illinois.

**1. Site location**

See Initial POLREP.

**2. Description of threat**

See Initial POLREP.

**3. Preliminary Assessment/Site Inspection Results**

See Initial POLREP.

**IV. SITE INFORMATION**

**A. Situation**

**1. Response activities to date**

Work continued with the following:

- Excavation continued on site;
- Although the lead levels often exceed the site specific action level, the toxicity characteristic leaching procedure (TCLP) analysis from the site assessment was well below the regulatory level of 5 mg/L. Therefore, excavated soils hauled from the site are being considered low level lead contaminated soil;
- Grid 6 was excavated to clean after screening with the X-ray fluorescent (XRF) showed levels below the U.S. EPA lead site specific action level 1,000 ppm for industrial scenarios;
- Grids 1,5,6,8,9,10,11, and 12 were backfilled with 4,063 tons of clean soil and graded;
- Excavation began in grid 4;
- Grids 2,3, and 4 are still above the U.S. EPA lead site specific action level 1,000 ppm for industrial scenarios after screening with the XRF.

**2. Removal activities to date:**

- Approximately 7,269.46 tons of low level lead contaminated soil was hauled from the United Iron & Metals Site;
- Although the lead levels often exceed the Site specific action level, the toxicity characteristic leaching procedure (TCLP) analysis from the Site assessment was well below the regulatory level of 5 (mg/L) milligram per Liter. Therefore, excavated soils hauled from the Site are being considered low level lead contaminated soil;
- An XRF unit is being used for confirmation of cleaned out grids;
- Grids 2,3, and 4 are still above the U.S. EPA lead site specific action level 1,000 ppm for industrial scenarios after screening with the XRF;

- A total of 4,063 tons clean soil has been placed in the clean excavated grids and graded.

### 3. Enforcement:

- Enforcement/Cost recovery actions are pending.

### B. Planned Removal Activities

- Transport low level lead contaminated soil off-site for disposal.

### C. Next Steps

- Transport low level lead contaminated soil off site for disposal.
- Secure access, excavate residential properties, and backfill excavated areas with clean fill.

### D. Key Issues

- Disposal of low level lead contaminated soil off site;
- Securing access from residential home owners near the Site.

## V. COSTS

	<u>Cost to date</u>	<u>Ceiling</u>	<u>% Remaining</u>
ERRS	\$230,223	\$344,866	%33
START	\$9,700	\$16,500	%41
EPA	\$7,400	\$27,990	%74
<b>TOTAL</b>	<b>\$247,323</b>	<b>\$389,356</b>	<b>%36</b>

The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor. Other financial data, which the OSC must rely upon, may not be entirely up to date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

## **VI. DISPOSITION OF WASTES**

<b>Waste stream</b>	<b>Medium</b>	<b>Quantity</b>	<b>Transportation</b>	<b>Treatment</b>	<b>Disposal</b>
Lead	Soil	7,269.46 Tons	Truck	N/A	Landfill
Tires	N/A	519	Truck	N/A	Tire recycling